



AMENDMENTS TO THE SPECIFICATION

As suggested in section 3 of the Office Action, please amend the title to:

METHOD AND APPARATUS FOR SEPARATE CONTROL PROCESSING AND
DATA PATH PROCESSING IN A DUAL PATH PROCESSOR WITH A SHARED
LOAD/STORE UNIT

In response to the objection raised in section 2 of the Office Action, please amend the
abstract to:

A computer processor including a decode unit for decoding a stream of instruction packets from a memory, each instruction packet comprising a plurality of instructions; a first processing channel with a plurality of functional units and operable to perform control processing operations; and a second processing channel with a plurality of functional units and operable to perform data processing operations. The decode unit is operable to receive an instruction packet and to detect if the instruction packet defines (i) a plurality of control instructions or (ii) a plurality of instructions one or more of which is a data processing instruction. If the decode unit detects that the instruction packet contains a plurality of control instructions, the control instructions are supplied to the first processing channel for execution in program order.